

User Manual

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HDMI Extender by one Fiber

Dear customer

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

1.0 INTRODUCTION

HDMI Extender by one Fiber is based on optical transmission technology. It can transmit HD video and digital audio up to 65000 ft (20 kilometers) away from your HDMI or DVI-D source by using one single-mode optical fiber cable. It is a complete solution for extraordinary distance.

1.1 FEATURES

- M-JPEG encode/decode video is up to 1080p.
- Supports resolution up to 480p/720p/1080i/1080p@50/60MHz.
- Supports 1.65Gbps/165MHz per channel (4.95Gbps all channel) bandwidth.
- Supports 2CH LPCM.
- Up to 65000 feet extension distance.
- Uses widely available one single-mode SC fiber-optic cable.
- HDCP compliant.
- Immune to electromagnetic interference.

2.0 SPECIFICATIONS

Signal Input/Output	
Input/Output port of sender	HDMI Female 19 pin A type x1 SC-Type connector x1
Input/Output port of receiver	SC-Type connector x1 HDMI Female 19 pin A type x1
Operating Frequency	
Vertical Frequency Range	50/60Hz
Video Amplifier Bandwidth	Max up to 1.65Gbps/165MHz
Resolutions(HDTV)	
Interlaced(50&60Hz)	480i,576i, 1080i for HDMI
Progressive(50&60Hz)	480p,576p,720p,1080p for HDMI;
Warranty	
Limited Warranty	1 Year Parts and Labor
Environmental	
Operating Temperature	0 °C to +50°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	
External Power Supply	DC 5V@2A X2

Power consumption (Max)	Sender:3W Receiver:3W
Accessories Adapter	
User Manual	English Version 1.0

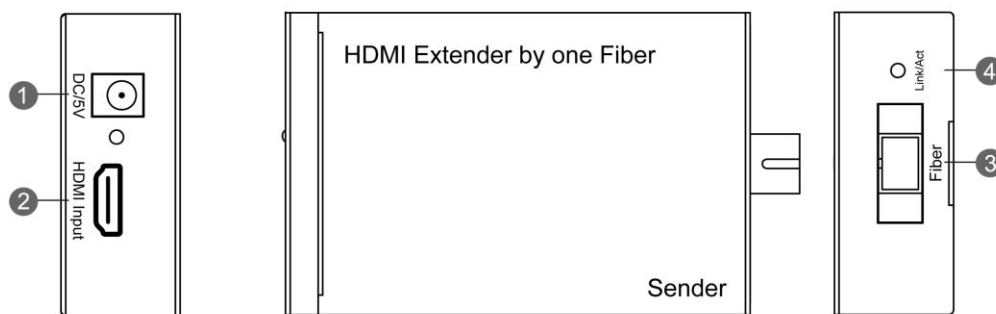
3.0 PACKAGE CONTENTS

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

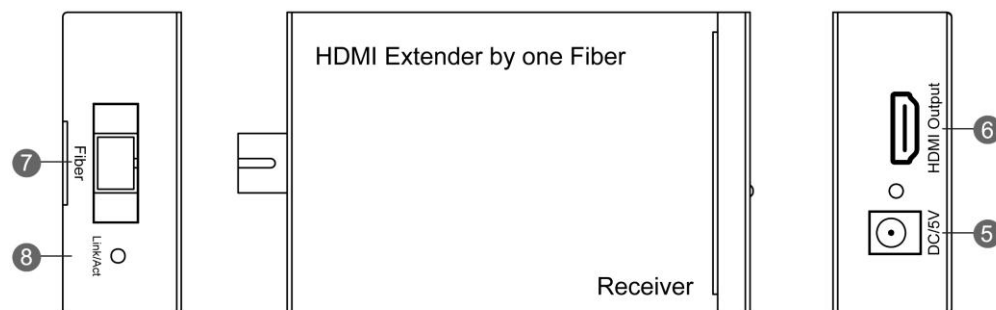
- 1) HDMI Extender by one Fiber- Sender unit
- 2) HDMI Extender by one Fiber- Receiver unit
- 3) Two pieces of 5V DC Power suppliers.
- 4) User's Manual

4.0 Panel Descriptions

Sender



Receiver



- ① DC/5V
Supply power for the Sender
- ② HDMI Input
Connect HDMI Source to this Port.
- ③ Fiber

Connect the Sender to the Receiver by using one single-mode SC optical fiber.

④ Link/Act

When the LED light shine that indicate the sender and receiver are well-connected and when the light doesn't shine that indicates the sender and receiver are not well-connected.

⑤ DC/5V

Supply power for the Receiver

⑥ HDMI Output

Connect HD display to this Port.

⑦ Fiber

Connect the Receiver to the Sender by using one single -mode SC optical fiber.

⑧ Link/Act

When the LED light shine that indicates the sender and receiver are well-connected and when the light doesn't shine that indicates the sender and receiver are not well-connected.

5.0 Connection and Operation

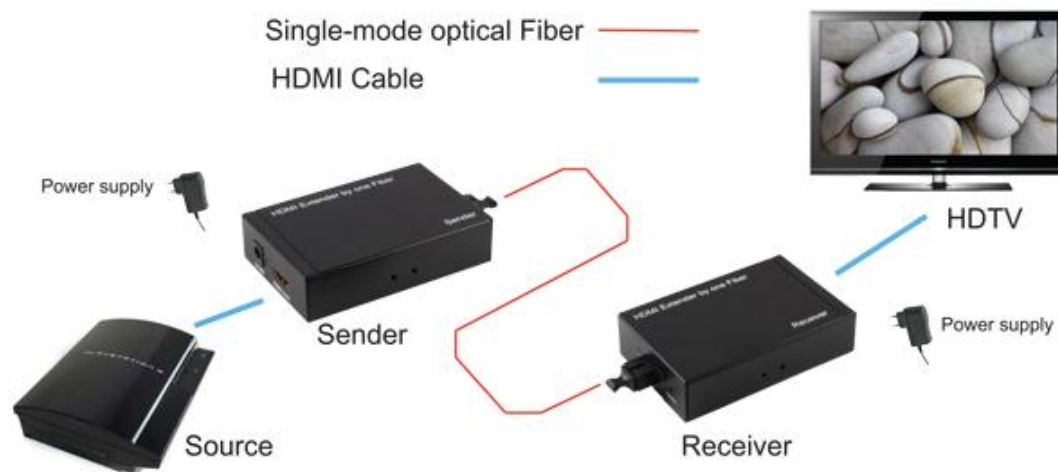
- 1) Connect the HDMI source to the Sender Unit with a HDMI cable.
- 2) Connect the HDTV display to the Receiver Unit with a HDMI cable.
- 3) Connect an SC-terminated optical fiber between the Sender Unit and the Receiver Unit.
- 4) Supply power for both units.
- 5) Turn on HDMI source and HDTV display.
- 6) While the Sender Unit and Receiver Unit have been properly calibrated, the LED on both sender and receiver will light.

Attention: Insert / Extract cable gently.

Note : If the sound is to be broken halfway, please re-supply power for the two main units.

5.1 CONNECTION DIAGRAM

Application :



P/N 3025